NACE Chandand			Related to Electric Infrastructure Systems
NACE Standard	Title NACE/IEEE Joint Standard Practice for	Type Standard Practice	Scope NACE/IEEE ignet standard provides general coating repair guidelines for in convice carbon steel and
NACE SP0215-2015/IEEE Std 1839		Standard Practice	NACE/IEEE joint standard provides general coating repair guidelines for in-service carbon steel and
	Below-Grade Corrosion Control of Transmission, Distribution, and		galvanized steel electric transmission structures coated with polyurethanes, moisture cure urethane (MCU) coal tar, epoxy, coal tar epoxy, and cold-applied tape systems including petrolatum and
	Substation Structures by Coating Repair		polyethylene.
	Systems Systems		polyethylene.
NACE SP0315-2015/IEEE Std 1835	NACE/IEEE Joint Standard Practice for	Standard Practice	This NACE/IEEE joint standard was prepared to assist personnel responsible for maintenance painting of
	Atmospheric (Above Grade) Corrosion		above-grade electrical support structures for utilities and large industrial facilities. The standard provides
	Control of Existing Electric		procedures to
	Transmission, Distribution, and		(1) assess structures for atmospheric corrosion;
	Substation Structures by Coating		(2) assess the level of risk to the structure in terms of corrosion attack and degradation to the existing
	Systems		coating system;
			(3) make informed decisions based on those findings as to whether coating repair is needed, and if so, to
			what extent; and
			(4) apply repair coatings to the structure if applicable.
			This standard applies to the repair of above-grade atmospheric coatings and serves as a resource for
			preparing specifications to achieve the successful coating of utility structures.
NACE SP0415-2015/IEEE Std 1895	NACE/IEEE Joint Standard practice for	Standard Practice	This NACE/IEEE joint standard provides requirements to:
	Below-Grade Inspection and		(1) help electric utilities identify structures that may be at a high risk for below-grade corrosion;
	Assessment of Corrosion on Steel		(2) excavate and inspect the selected structures;
	Transmission, Distribution, and		(3) categorize the condition of structures based on corrosion degradation;
	Substation Structures		(4) prioritize structures requiring additional inspection based on those findings; and
			(5) help identify next steps as required.
			The standard is limited to the inspection and assessment of steel transmission towers, poles, and
			substation structures, to include galvanized, self-weathering, and painted mild steel structures, as well as other similar structures.
SP0515-2015	Nondestructive Evaluation (NDE)	Standard Practice	This standard is intended for those managing, planning, selecting, implementing, or evaluating buried pipe
	Technologies to Evaluate Buried Pipe in	Standard Fractice	inspections using Non-Destructive Evaluation (NDE) at nuclear power plant sites. It provides direction for
	Nuclear Power Plants		planning and implementing a buried pipe inspection at a nuclear power plant. It provides guidance on:
	Nuclear Fower Flames		Pre-assessment activities for nuclear power plants
			Factors to consider when selecting NDE for buried pipe inspections
			Post-assessment of NDE results Guidance specific to owners of nuclear power plant buried piping has
			been included to improve inspection success by addressing a number of complicating conditions that
			could exist at a site, such as:
			License requirements and regulations that are unique to nuclear power plants must be considered and
			adhered to, as they require unique processes and procedures for planning and implementing inspections.
			Piping layouts with multiple components such as elbows, reducers, tees, etc. that require the use of
			special inline tools and/or experienced analysis.
			Piping systems at nuclear power plants are generally commonly grounded, which impacts the
			effectiveness of some indirect examination techniques.
			The excavations for inspection purposes may be very deep and below layers of other buried piping
			systems, cables and other structures.
SP0487-2007	Considerations in the Selection and	Standard Practice	Provides guidance and best practices to users of interim, or temporary, coatings for corrosion protection
	Evaluation of Rust Preventives and		of metals, including performance criteria, selection, surface preparation and application, evaluation of
	Vapor Corrosion Inhibitors for Interim		coatings, and other usage requirements. Quality control criteria are listed to enable the manufacturer and
	(Temporary) Corrosion Protection		user to select appropriate test procedures to maintain prescribed standards. The standard is intended to
			assist the new buyer or user as well as the experienced user of interim coatings in the proper selection and
500207 2042	Mariatana Palati (5)	Chandrad C	evaluation of these coatings.
SP0297-2012	Maintenance Painting of Electrical	Standard Practice	A guide for maintenance personnel for utilities and large industrial concerns who are responsible for
	Substation Apparatus Including Flow		painting electrical equipment. Use of the standard is intended to help protect equipment from the
42102-2002	Coating of Transformer Radiators Corrosion in Power and Communication	Report	detrimental effects of corrosion and help it perform to the fullest extent of its operating life. This state-of-the-art report presents methods of indentifying corrosion in power and communications
42102-2002	Manholes	report	manholes and identifies methods used to mitigate the effects of corrosion within the confines of the
	iviailioles		manholes and identifies methods used to mitigate the effects of corrosion within the confines of the manhole.
41013-2013	State-of-the-Art Report: External	Report	Recent operating experience from nuclear power plants, particularly those located in the United States,
	Corrosion, Assessment, and Control of	перы	many of which are between 30 and 40 years old, indicates that degradation of buried piping is occurring in
	Buried Piping Systems in Nuclear Power		at least some plants and represents an issue requiring the attention of the nuclear industry. This NACE
	Plants		International technical committee report provides an overview of issues associated with buried piping in
			nuclear power plants that might be applicable worldwide. The report identifies issues for corrosion
			professionals to consider when addressing degradation of buried piping in nuclear power plants. It
			includes topics related to the external corrosion of buried piping, i.e., piping that is in direct contact with
			soil or concrete. It does not include topics related to internal corrosion of buried piping; corrosion of
			buried tanks, such as those in contact with soil, concrete, or underground piping; and tanks, i.e., those